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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
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In re the Application of

Hideyuki KURITA et al.

Group Art Unit: 2827

Application No.: 09/640,862

Examiner: I. Patel

Filed: August 18, 2000

Docket No.: 107082

For: PROCESSES FOR MANUFACTURING FLEXIBLE WIRING BOARD AND THE
RESULTING FLEXIBLE WIRING BOARD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection, Notice of Allowance, or other action that closes prosecution (e.g., Quayle Action), but before payment of the Issue Fee. Attached is our Check No. 145653 in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please credit or debit Deposit Account No. 15-0461 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☒ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☒ 2. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

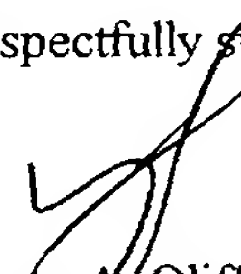
09/09/2003 JIMMILLA 00000008 09640862

01 FC:1806

180.00 DP

- ☒ 3. An English-language Abstract of the Japanese language reference is attached hereto.

Respectfully submitted,


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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 107082		APPLICATION NO. 09/640,862	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Hideyuki KURITA et al.			
				FILING DATE August 18, 2000		GROUP 2827	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	5,401,913	03/1995	GERBER et al.			
	2	5,457,881	10/1995	SCHMIDT			
	3	5,737,833	04/1998	MOTOMURA et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	4	JP 01053591 (w/ English language Abstract)	03/1989	JAPAN			
	5	DE 1765926	11/1971	GERMANY			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: August 28, 2003



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Département à
La Haye
Division de la
recherche

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14. JUL. 2003
Mitscherlich & Partner
Patent- u. Rechtsanwälte

Datum/Date

11.07.03

Zeichen/Ref./Réf.

P24340EP Kö/zör

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

00118009.0-2214-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Sony Chemicals Corporation

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 5H

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 11 8009

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	US 5 457 881 A (SCHMIDT) 17 October 1995 (1995-10-17) * the whole document *	1,2,4, 10,11,15	H05K3/46
X	---	14	
Y	DE 17 65 926 A (IBM DEUTSCHLAND) 18 November 1971 (1971-11-18) * page 6; claims; figure 3 *	1,2,4, 10,11,15	
A	US 5 401 913 A (GERBER ET AL.) 28 March 1995 (1995-03-28) * column 5, line 37 - line 39; figures 9,10 *	1,6,14, 16	
A	US 5 737 833 A (MOTOMURA ET AL.) 14 April 1998 (1998-04-14) * column 8, line 28 - column 9, line 22; figure 5 *	1,10,14	
A	PATENT ABSTRACTS OF JAPAN vol. 013, no. 254 (E-772), 13 June 1989 (1989-06-13) & JP 01 053591 A (SUMITOMO ELECTRIC IND LTD), 1 March 1989 (1989-03-01) * abstract *	1,2	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H05K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 July 2003	Examiner Mes, L
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div><div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date O : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div></div>			

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EPC FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 11 8009

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-07-2003

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			DE	59402178 D1	30-04-1997
			EP	0608726 A1	03-08-1994
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			US	5915753 A	29-06-1999
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